

POWER CONVERSION PRODUCTS

STEP Series DC-DC Converters

FEATURES

- Advanced switchmode design
- Mount in almost any location
- Compact and light weight
- Reverse polarity protection
- High efficiency
- Overvoltage protection
- Short Circuit Protected
- 2 Year Warranty

APPLICATIONS

- Industrial
- Marine
- Solar



7 Amps

TECHNICAL SPECIFICATIONS

Model	STEP-7
CAUTION! THERE IS NO ISOLATION BETWEEN THE INPUT AND THE OUTPUT INPUT AND OUTPUT HAVE A COMMON NEGATIVE	
Input to Output isolation	Not isolated. Input and output connections have a common negative
Input Voltage	9 to 18 VDC
Output Voltage	25 VDC
Output Voltage Stability	+ 0% / -5%
Input Current at No Load	<15 mA
Output Current Continuous	7 A
Output Ripple and Noise	less than 50 mV RMS
Efficiency	~ 92%
Operating Ambient Temperature	- 20° to + 30° C (derate linearly to zero at 70° C)
Humidity	Max. 95%. non condensing
Protections:	
Overload	By current Limiting
Over Heating	Drop in Output Voltage
Reverse Polarity	Fuse Protection
Over Voltage	Varistor (also protects against load dump)
Input Side Fuse	15 A (inside the unit)
Approval	CE & Automotive
Input / Output Connections	Terminal Block - 6.3 mm male flat tab. quick connect
Dimensions (L x W x H)	98 x 88 x 49 mm
Weight	0,40 Kgs

Technical Specifications subject to change without notification.